

Converting Colors

Hex(80D180)

Have a look what the booklet for
Hex(80D180) contains.

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Color

Hex(80D180)

Conversions

Conversions Part 1

Format	Color
Hex	80D180
RGB	128, 209, 128
RGB Percent	50%, 82%, 50%
CMY	0.4980, 0.1804, 0.4980
CMYK	0.39, 0.00, 0.39, 0.18
HSL	120°, 47%, 66%
HSV	120°, 39%, 82%
XYZ	35.5988, 51.7486, 28.5343
YIQ	175.5470, -22.2750, -42.3630

Conversions

Conversions Part 2

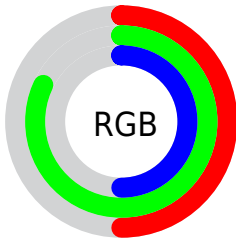
Format	Color
RYB	128, 209, 209
Decimal	8442240
CIELab	77.13, -41.01, 32.58
CIElCh	77, 52.377, 141.532
Yxy	51.7486, 0.3072, 0.4466
Android (android.graphics.Color)	4286632320 (0xFF80D180)
YUV	175.5470, -23.4407, -41.6987
Hunter-Lab	71.9365, -37.5556, 26.8376

Details

The Hex color **80D180** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D180D1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B8FFB6**, and **499A4E** is the 20% darker color. If you saturate the color by 10%, you get **6BD16B**, and if you desaturate by 10%, it is **95D195**.

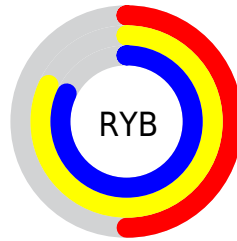
Distribution



Red (50%)

Green (82%)

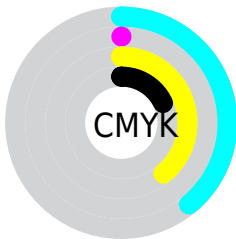
Blue (50%)



Red (50%)

Yellow (82%)

Blue (82%)

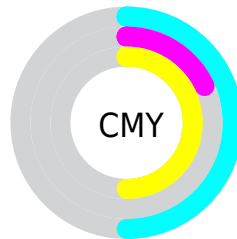


Cyan (39%)

Magenta (0%)

Yellow (39%)

Black (18%)



Cyan (50%)

Magenta (18%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D180 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 80D180 by changing the saturation by 10% instead.

 80D180

 80D180

FFFFFF

 65B566

 B8FFB6

 499A4E

 D4FFD1

 2D7F35

 F2FFEE

 07661E

 004D04

 003500

 002000

 000000

 80D180

 80D180

 6BD16B

 95D195

 56D156

 AAD1AA

 41D141

 BFD1BF

 2CD12C

 D4D1D4

 18D118

 E9D1E9

 03D103

 FDD1FD

 00D100

 FFD1FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B9C661



80D180



21D7AF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80D180



44C8FF



FF989D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80D180



D180D1

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF97CE



80D180



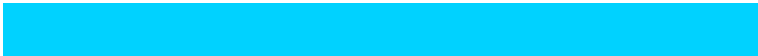
ADB7FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80D180



00D2FF



EDA4FB



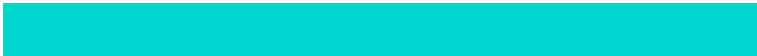
FFA574

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80D180



00D7D0



EDA4FB



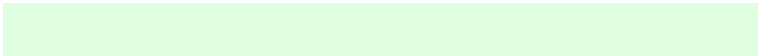
FF96AD

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80D180



E0FFE0



D1D180



6E806E



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80D180



87FF87



80D1A9



5E695E



00A800



002900

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D180D1



FF87FF



D180A9



695E69



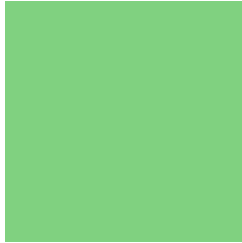
A800A8



290029

Previews

White Background



This preview shows how the Hex color 80D180 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 80D180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

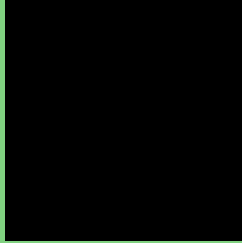
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 80D180 Background



This preview shows how black text looks on a background with the Hex color 80D180.

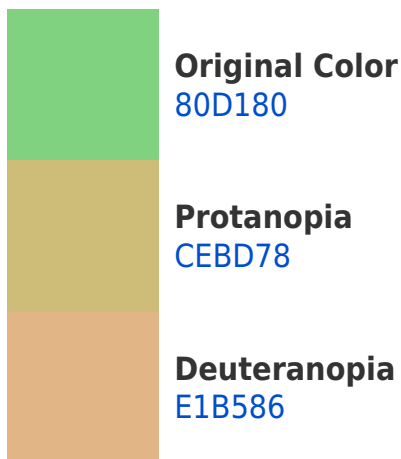


This preview shows how white text looks on a background with the Hex color 80D180.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

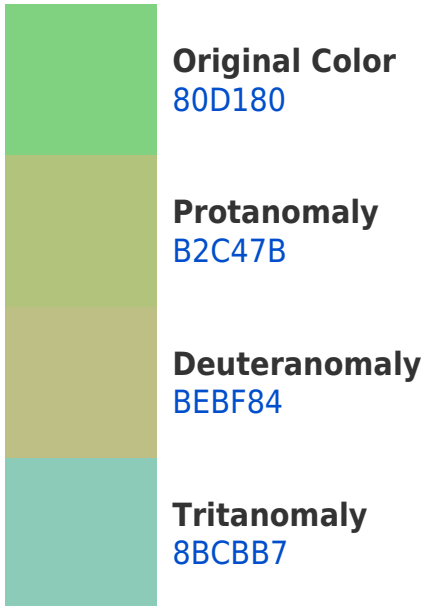
Dichromacy



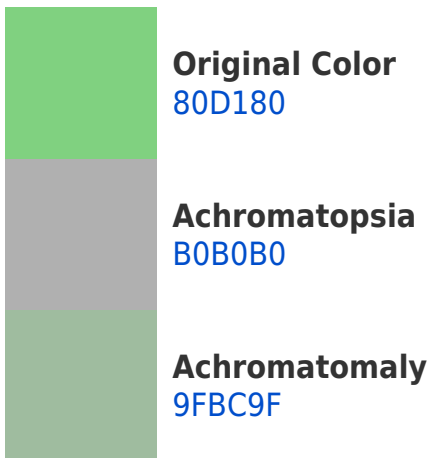


Tritanopia
91C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80D180 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #80D180 looks like.

```
.text, #text, p{  
    color:#80D180  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #80D180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D180
}
```

Border

The CSS property to change the border of an element to Hex 80D180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80D180 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#80D180 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #80D180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D180; -webkit-box-shadow:4px 4px  
4px 4px #80D180; box-shadow:4px 4px 4px  
4px #80D180 }
```

Background

The CSS property to change the background color of an element to Hex 80D180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D180 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#80D180 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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